

MATERIAL SAFETY DATA SHEET

NPCA 1-72

FOR COATINGS, RESINS AND RELATED MATERIALS

(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20)

DATE OF PREP. 1-10-80

Section I

DMS 2112 - CLEAR

MANUFACTURER'S NAME U.S. Paint Division - Grow Group, Incorporated

Ty. II, CLASS II

STREET ADDRESS 831 S. 21st Street

CITY, STATE, AND ZIP CODE St. Louis, Missouri 63103

EMERGENCY TELEPHONE NO. (314) 621-0525

PRODUCT CLASS Modified Polyester Resin

MANUFACTURERS CODE IDENTIFICATION 92-C-21C*

TRADE NAME Clear Urethane Enamel

Section II - HAZARDOUS INGREDIENTS

INGREDIENT	VOLUME PERCENT	TLV		LEL	VAPOR PRESSURE in mm Hg at 20° C
		PPM	mg/M ³		
Methyl Ethyl Ketone	60.0	200	590	1.8	71.2
Toluene	1.0	100	375	1.27	38.0
2-Ethoxy Ethyl Acetate	17.0	100	540	1.7	1.2
Polyester Resin	19.0	N.A.			
Additives	4.0	N.A.			
*Co-react 1 to 1 by volume with 82-C-22B					

Section III - PHYSICAL DATA

BOILING RANGE 172° to 329° F.

VAPOR DENSITY ☒ HEAVIER ☐ LIGHTER THAN AIR

EVAPORATION RATE ☐ FASTER ☒ SLOWER THAN ETHER

PERCENT VOLATILE BY VOLUME 77.0

WEIGHT PER GALLON 7.64

Section IV - FIRE AND EXPLOSION HAZARD DATA

DOT CATEGORY Combustible Liquid 100°F. -200°F. ☐

Flammable Liquid 20°F. -100°F. ☒

Non Flammable ☐

FLASH POINT 30°F. T.C.C.

LEL 1.27

EXTINGUISHING MEDIA Dry chemical or foam

UNUSUAL FIRE AND EXPLOSION HAZARDS Do not expose to spark or open flame

5. ALL FIRE FIGHTING PROCEDURES

"This material does not contain intentionally added ingredients which are based on compounds of Antimony, Arsenic, Cadmium, Lead, Mercury, Selenium, or Water Soluble Barium."

Section V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE 100 to 400 PPM
EFFECTS OF OVEREXPOSURE Eye & upper respiratory irritant

EMERGENCY AND FIRST AID PROCEDURES If exposed to excess vapor, remove to fresh air and seek medical attention. If splashed on skin or in eyes, flush with large amounts of water and seek immediate medical attention.

Section VI – REACTIVITY DATA

STABILITY ☐ UNSTABLE ☒ STABLE CONDITIONS TO AVOID Excess heat or oxidizing material
INCOMPATIBILITY (Materials to avoid)
HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION ☐ MAY OCCUR ☒ WILL NOT OCCUR
CONDITIONS TO AVOID

Section VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Affected area should be treated with an absorbing compound and then material placed in a tightly closed container.
WASTE DISPOSAL METHOD In accordance with local, state, and federal environmental control regulations.

Section VIII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION Bureau of Mines approved mask for removal of particulate matter and charcoal base for removal of solvent vapor.

VENTILATION Sufficient to keep air supply above threshold limit values.

PROTECTIVE GLOVES Rubber or Plastic

EYE PROTECTION Goggles

OTHER PROTECTIVE EQUIPMENT Hypersensitive persons should use protective creams.

Section IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Keep away from heat, sparks and flames.

OTHER PRECAUTIONS